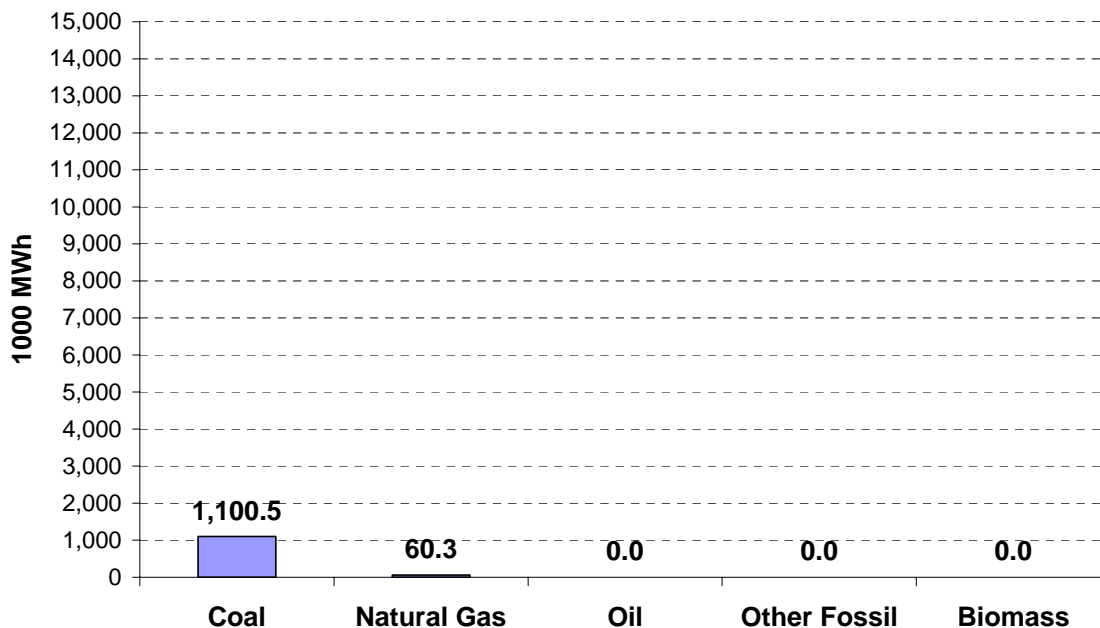




**Missouri  
Department of  
Natural Resources**

**Southwest Power Plant, City of Springfield -  
Power generated in 2000 from fossil fuels & biomass**



**Emissions of criteria pollutants, CO<sub>2</sub> and Mercury – 2000**

		Total emitted	Output-based rate (units per MWh)	Input-based rate (units per mmBTU)
NO <sub>x</sub> - Annual	(Tons)	2,443	4.209	0.32
NO <sub>x</sub> – May 1 to Sept. 30	(Tons)	1,260	4.07	0.31
Sulfur dioxide (SO <sub>2</sub> )	(Tons)	2,738	4.72	0.35
Carbon Dioxide (CO <sub>2</sub> )	(Tons)	1,570,555	2,706	202.35
Mercury (HG <sub>3</sub> )	(Pounds)	46.282	0.0399	0.003

**Toxic Releases – 2001**

Hazardous Air Pollutants	(Pounds)	77,518
Toxic releases – Land	(Pounds)	17,179
Toxic releases – Water	(Pounds)	10

**Data sources**

- ◆ Data for hazardous air pollutants and toxic releases is taken from Missouri Department of Natural Resources (DNR) Toxic Release Inventory (TRI). For more information see:  
U.S. Environmental Protection Agency (EPA) TRI home page – <http://www.epa.gov/tri/>  
Missouri DNR TRI reports posted at <http://www.dnr.mo.gov/oac/bus.htm>
- ◆ Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003

**Definitions**

NO <sub>x</sub>	Oxides of Nitrogen
MWh	Megawatthours (1000 kilowatthours)
mmBtu	Million British Thermal Units